

# AG's SUMMARY OF BAY STATE GA DEPRECIATION STUDY

<u>Description</u>	<u>Plant Balance at 12/31/2003</u>	<u>Estimated Net Salvage</u>	
		<u>Rate (%)</u>	<u>Amount</u>
	(a)	(b)	(c)
Production Plant:			
Structure & Improvements	\$2,298,907	-5.00%	-\$114,945
L.P. Gas Equipment	\$4,193,152	0.00%	\$0
Other Equipment	\$835,037	0.00%	\$0
LNG Equipment	\$16,536,014	0.00%	\$0
Transmission & Distribution Plant:			
Rights of Way	\$79,051	0.00%	\$0
Structures & Improvements	\$2,108,612	-5.00%	-\$105,431
Mains:			
Cathodic Protection	\$7,381,476	-10.00%	-\$738,148
Plastic	\$116,579,215	-10.00%	-\$11,657,922
Coated Steel	\$143,919,725	-10.00%	-\$14,391,973
Cast Iron	\$5,710,347	-10.00%	-\$571,035
Joint Seal	\$19,580,594	-10.00%	-\$1,958,059
Bare Steel	\$2,564,983	-10.00%	-\$256,498
Compressor Station Equipment	\$327,265	0.00%	\$0
Measuring & Regulating Stat. Equip	\$11,275,919	-5.00%	-\$563,796
Other Equipment	\$510,252	0.00%	\$0
Services	\$217,033,295	-110.00%	-\$238,736,625
Meters	\$24,527,066	2.00%	\$490,541
Meter installations	\$42,380,403	-60.00%	-\$25,428,242
House Regulators	\$13,562,020	-10.00%	-\$1,356,202
Other Property on Customer's Premise:			
Conversion Burners	\$7,727,861	0.00%	\$0
Water Heaters	\$11,496,964	0.00%	\$0

Boilers	\$569,752	0.00%	\$0
Other Equipment	\$1,814,797	0.00%	\$0
General Plant	\$6,939,631	3.00%	\$208,189
Office Furniture & Equipment:			
Office Furniture & Equipment	\$3,749,589	0.00%	\$0
Computer & IT Equipment	\$7,481,693	0.00%	\$0
Transportation Equipment:			
Transportation Equipment	\$2,638,836	8.00%	\$211,107
Stores Equipment	\$50,473	0.00%	\$0
Tools, Shop & Garage Equip.	\$1,709,378	0.00%	\$0
Power Operated Equipment	\$489,503	2.00%	\$9,790
Communication Equipment			
Other Communication Equip	\$7,033,594	0.00%	\$0
Commun Equip - ERT/ITRON	\$0	0.00%	\$0
Metscan	\$6,419,326	0.00%	\$0
Metscan -Proforma Retirement	\$0	0.00%	\$0
Miscellaneous Equipment	<u>\$25,220</u>	0.00%	\$0
TOTAL	<u>\$689,549,950</u>		<u>-\$294,959,247</u>

### **SOURCE & REFERENCES:**

Column (a)	Company's Depreciation Study Section 2, Table
Column (b)	Company's Depreciation Study Section 2, Table
Column (c)	Column (a) times Column (b).
Column (d)	Company's Depreciation Study Section 2, Table
Column (e)	Column (a) minus Column (c) minus Column (d)
Column (f)	Company's Depreciation Study Section 2, Table
Column (g)	Company's Depreciation Study Section 2, Table
Column (h)	Company's Depreciation Study Section 2, Table
Column (i)	Column (e) divided by Column (h).
Column (j)	Column (i) divided by Column (a).



# ADJUSTMENTS TO S COMPANY's - DECEMBER 31, 2003

<b>Depreciation Reserve <u>12/31/2003</u></b>	<b>Net Balance</b>	<b>Avg Svc Life (Yrs)</b>	<b>Curve Type</b>	<b>Remaining Life (Yrs)</b>	<b>Annual Accrual</b>	<b>Accrual Rate</b>
<b>(d)</b>	<b>(e)</b>	<b>(f)</b>	<b>(g)</b>	<b>(h)</b>	<b>(i)</b>	<b>(j)</b>
\$1,463,912	\$949,941	42.0	L3	13.5	\$70,366	3.06%
\$3,153,264	\$1,039,888	36.0	R2.5	13.4	\$77,604	1.85%
\$280,692	\$554,345	20.0	R4	8.9	\$62,286	7.46%
\$4,483,147	\$12,052,867	27.0	R4	20.2	\$596,677	3.61%
\$0	\$79,051	75.0	R3	45.9	\$1,722	2.18%
\$1,461,442	\$752,601	54.0	L3	11.5	\$65,444	3.10%
\$2,415,227	\$5,704,397	19.0	S5	10.9	\$523,339	7.09%
\$16,611,785	\$111,625,352	68.0	S1.5	59.4	\$1,879,215	1.61%
\$45,310,715	\$113,000,983	74.0	R4	51.5	\$2,194,620	1.52%
\$2,544,864	\$3,736,518	75.0	R2	29.3	\$127,526	2.23%
\$7,176,492	\$14,362,161	23.0	R5	12.2	\$1,177,226	6.01%
\$1,528,720	\$1,292,762	74.0	R3	11.7	\$110,492	4.31%
\$238,059	\$89,206	22.0	R2.5	5.3	\$16,831	5.14%
\$3,330,869	\$8,508,846	39.0	R4	27.8	\$306,074	2.71%
\$209,902	\$300,350	35.0	R3	22.3	\$13,469	2.64%
\$116,087,787	\$339,682,132	55 - 60	R3 - R4	Varies	\$7,921,715	3.65%
\$9,486,756	\$14,549,769	28.0	S6	15.0	\$969,985	3.96%
\$9,736,769	\$58,071,876	53.0	S3	41.0	\$1,416,387	3.34%
\$4,955,322	\$9,962,900	31.0	S6	18.1	\$550,436	4.06%
\$403,724	\$7,324,137					
\$1,933,968	\$9,562,997					

\$1,120,110	-\$550,358					
\$515,595	\$1,299,202	11.0	L4	4.8	\$270,667	14.91%
\$1,941,039	\$4,790,403	90.0	R1.5	32.9	\$145,605	2.10%
\$3,089,806	\$659,783	9.0	L3	3.7	\$178,320	4.76%
\$3,222,916	\$4,258,777	7.0	R4	2.8	\$1,520,992	20.33%
\$1,329,582	\$1,098,148	10.0	R3	3.0	\$366,049	13.87%
-\$5,950	\$56,423	19.0	R3	9.8	\$5,757	11.41%
\$743,756	\$965,622	21.0	R3	12.8	\$75,439	4.41%
\$222,783	\$256,930	13.0	R3	4.3	\$59,751	12.21%
\$2,254,128	\$4,779,466	17.0	R2	10.0	\$477,947	6.80%
	\$0	17.0	R2	10.0		
\$833,935	\$5,585,391	9.0	R5	3.6	\$1,551,497	24.17%
	\$0					
<u>\$12,366</u>	\$12,854	18.0	L1.5	10.2	<u>\$1,260</u>	5.00%
<u>\$248,093,480</u>	<u>\$736,415,717</u>				<u>\$22,734,698</u>	

- 1.
- 3, except for changes to Mains (10%) and Services (110%).
- 1a.
- ).
- 2.
- 2.
- 2, except for changes to Mains - as discussed in testimony.









